



Iowa Department of Natural Resources  
Opacity Monitor Quarterly report

Plant: \_\_\_\_\_

Date: \_\_\_\_\_

Source: \_\_\_\_\_

Reported By: \_\_\_\_\_

Applicable Allowable Opacity: \_\_\_\_\_%

Span Value: \_\_\_\_\_

Data Summary

(See reverse side for instructions)

Month	_____	_____	_____
1. Total hours source operated including startup and shutdown	_____	_____	_____
2. Total hours source exceeded applicable allowable opacity	_____	_____	_____
3. Total hours source exceeded applicable allowable opacity during periods of startup and shutdown	_____	_____	_____
4. Total hours source exceeded applicable allowable opacity excluding exemptions Under IAC 567-- 24.1(1) or 23.1(2)	_____	_____	_____
5. Total hours monitor did not operate while source was in operation	_____	_____	_____
6. Total days zero drift exceeded 4% (24 hours)	_____	_____	_____
7. Total days span drift exceeded 4% (24 hours)	_____	_____	_____

This is to certify that I am responsible for this source's continuous monitoring equipment and that the information submitted in this report is true and accurate to the best of my knowledge and belief.

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

### **Reporting Requirements**

For reporting purposes, all opacity data shall be reduced to six-minute averages. Six-minute averages shall be calculated from 24 or more data points equally spaced over each six-minute period.

For all averaged six-minute periods during which the applicable allowable opacity was exceeded, the actual readings must be attached separately to this report with the following information:

1. The time, date, and magnitude of each excess emission.
2. Specific identification of each period of excess emissions that occurred during startup, shutdown, or malfunction along with the corrective action or preventive measure taken. Written reports filed pursuant to Chapter 24 shall be referenced either by date of submittal or attached to the quarterly report.
3. The time and date of each period where the monitoring system was inoperative, except for zero and span checks.
4. When no excess emissions occurred and there were no periods during which the monitor(s) were inoperative, such information shall be reported.

Where any given six-minute period qualifies for an exemption under Subrule 24.1(1) or 23.2(2), the exempt period must be noted on the submitted readings.

### **Data Summary Explanation**

Line 1. Cumulative number of hours the source was in operation during the month, including startup and shutdown.

Line 2. Cumulative number of hours the exceeded applicable allowable opacity

Line 3. Cumulative number of hours the exceeded applicable allowable opacity during startup and shutdown

Line 4. Cumulative number of hours the exceeded applicable allowable opacity excluding the hours for which exemptions were claimed under Subrule 24.1(1) or 23.2(2). If no excess emissions occur during the reporting period, enter zero hours for each month.

Line 5. Cumulative number of hours the opacity monitor did not operate during source operation. Periods the monitor was inoperative or malfunctioning, reasons and corrective actions taken must be listed and explained separately. If the monitor operated during the entire period, enter zero hours for each month.

Line 6. Report the total number of days the opacity recorded during the daily simulated zero check differed from actual zero by more than 4%.

Line 7. Report the total number of days the opacity recorded during the span check differed from the actual span by more than 4%.